

	ALYA DENETIM GOZETIM GIDA LTD STI ADANA TURKEY			Doc. No FR-71A	
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	UNIWEHY WHEY POWDER ANALYSIS REPORT				
NAME OF PRODUCT	SWEET WHEY POWDER				
VISUAL PROPERTIES	Taste and Smell	Unique Flavor, Aroma			
	Appereance and Color	Powder, Creamy Light Yellow			
	Structure	Homogeneous appearance without soll structure and does not include preservatives colorants and other additives			
		Specifications	Method	Reference	
PHYSICAL PROPERTIES	Moisture Content	max 4,5%	TS 11860/10.1995	Gravimetric Oven 103 ±2°C	
	Fat Content	max 1,5%	TS 11860/10.1995	Gerber	
	Protein Fat-Free Dry Matter	min 11%	IDF Standard 20B:1993	Titration	
	Lactose Content	min 60%	TS 11860/10.1995	Method of calculation	
	Total Ash Content	max 8%	TS 11860/10.1995	Muffle Furnaces 825 ±25°C	
	Salt Content	max2,5%	-----	Titration	
	Acidity in Lactic Acid	max 0,2%	TS 11860/10.1995	ADMI:1971	
	ph(%10 solution)	min 6%	Ts 11860	ph Meter	
	Bulk Density kg /lt	min 0,6%	NADRG:1978	Volumetric Gravimetric	
	Solubility Index	min 99%	TS11860/10.1995	TS1329	
		Specifications	Method	Reference	
MICROBIOLOGICAL PROPERTIES	Yeast and Mold	Max 100	Pitt & Hocking 1997(86)	YGC Agar 25°C 5 days	
	S. Aureus(*)	10 kob/g	Arion 1998(38)	Braid - Parker Agar 37°C 48 hrs	
	Salmonella spp.	None	0/25g-ml	ISO:6579	37C 24 hrs
	Total Mesophilic Aerobic Microorganism kob/g	Max 50000		ISO-1019	Plate count Agar 30°C 48 hrs
	L. Monocytogenes	None	0/25g-ml	ISO-11290	Fraser Broth 35-37°C 48 hrs
	E. Coli	Negative		FDA :1998	Fluorocult VRB Agar 37°C 24 hrs
	Staph. Enterotoxin mg/kg	Negative		Elisa	Elisa
	Aflatoxins M1 mg/kg	max 0,0005		Elisa	Elisa
	Pesticide Residue	Negative			
	Enterobacteria kob/g	<10 cfu/g		FDA :1998	Fluorucolt VRB Agar 37°C 24 hrs
	Antibiotic	Negative			

ADDITIONAL INFORMATION	Packing: Min 3 ply paperbags with polyinner bag of 25kg net. Storage and Shelf Life: Up to 12 months in the original packing under optimal storage conditions. Cool, dry and odor free temperature below 25 degree.
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